

# BART SILICON VALLEY UPDATE

Overview of Phase 1 and Companion Projects • Spring 2011

## BART Silicon Valley Project Gains Momentum

The Santa Clara Valley Transportation Authority's (VTA) BART Silicon Valley Project is a 16-mile extension that will connect the BART system currently ending in Fremont, to VTA's light rail in Milpitas, to downtown San Jose, to the Diridon multi-modal station and then to Caltrain in Santa Clara. The BART Silicon Valley project will be delivered in phases. The first phase, the 10-mile, two station Berryessa Extension achieved several milestones over the past few months.

VTA has requested \$900 million from the Federal Transit Administration's New Starts Program. In February, the Berryessa Extension was recommended to receive this funding grant in the President's Budget Request for Fiscal Year 2012. Then in April, the Berryessa Extension advanced into the Final Design phase in the New Starts Program, the last step in the federal program required to qualify for funding. VTA anticipates a fully executed grant agreement in early 2012.

## Safety Enhanced Along Kato Road

VTA and the City of Fremont are increasing safety at intersections where freight and auto traffic mix. A grade separation is planned where Kato Road crosses the railroad tracks in southern Fremont. Kato Road will cross

under the existing Union Pacific Railroad tracks and future BART system. The project will benefit nearby residents and commuters with reduced traffic delays at the crossing, and decreased vehicle emissions and commute times.

Construction of the Kato Road Grade Separation will be phased and is anticipated to begin by fall 2011, with an estimated completion in two-and-a-half years. Following early construction activities, a full



A support column is installed for a new residential sound wall near Kato Road in Fremont.

closure of Kato Road will be required and alternate routes will be established for approximately 6 to 12 months. The work includes excavation, soil removal, and building three bridges above the lowered Kato Road to accommodate railroad service and maintenance, and BART trains. VTA will conduct extensive outreach to surrounding communities, providing advance notification of all construction activities and traffic impacts through mailed fliers, digital message boards, email updates and website updates.

Commencement of construction on the first phase will create thousands of temporary jobs, including jobs to support the increased demand for housing, office and retail space within a quarter-mile of the future stations. The entire 16-mile project will result in up to 7,000 permanent jobs to operate and maintain the system and support new development.



Construction of improved storm drain south of Kato Road in Fremont.

## Berryessa Extension Project Timeline



More information about BART Silicon Valley is available online at [www.vta.org/bart](http://www.vta.org/bart).

# Mission Boulevard Bridge and Warren Avenue Grade Separation

Summer 2012 – Fall 2014

A new, longer Union Pacific Railroad (UPRR) bridge will be built over Mission Boulevard to allow the widening of the road and the construction of new access ramps to Kato Road. The new UPRR Bridge will be constructed adjacent to the existing one, which will be removed. Warren Avenue will eventually be grade separated and depressed under a newly constructed railroad bridge. This work will occur in multiple phases to allow for the continued operation of the railroad.

## Performing Needed Mitigation

Large construction projects bring many benefits to communities, but at the same time may also have an impact on the local ecosystem. To maintain an overall balance of the ecosystem environmental mitigation projects are done. Corridor preparation work, did not involve Wrigley Creek, but because of project impacts to the native habitat, significant improvements were made to Wrigley Creek to restore the overall creek ecosystem. Recently, completed construction at Wrigley included restoring the creek to a more natural state, developing a native path for the creek to flow and removing non-native vegetation and replacing it with local plant species. Similar mitigation work will occur at Upper Penitencia Creek near Berryessa Road in San Jose, close to the future Berryessa Station. This work will occur in 2012 during the creek's dry season between June and October.

## PROJECT SPOTLIGHT

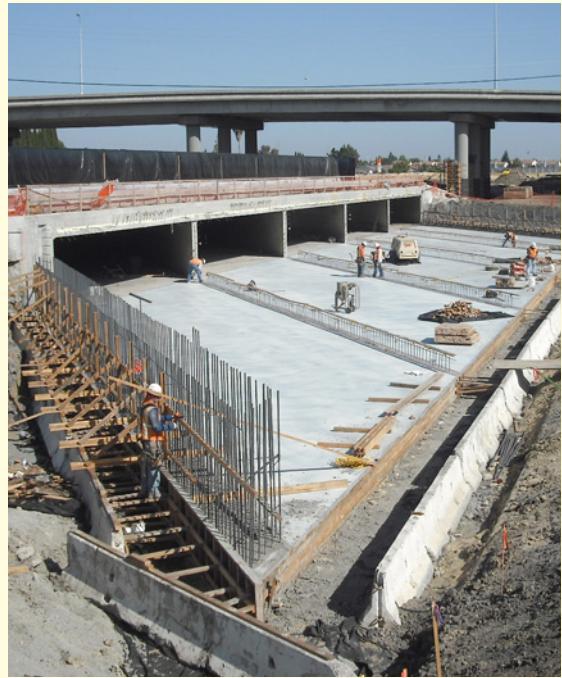


### Construction at Creek Crossings

Part of building a major transit infrastructure project involves interacting with the existing environment. VTA's BART Silicon Valley Berryessa Extension is no exception, and throughout the 10-mile project corridor, nine creek crossings will be reconstructed. Construction will vary at each location, but the entire effort will include building new creek channels, bridges, and improvements to levees.

Alterations to creeks in both Fremont and Milpitas are currently underway or completed. Major construction of a new bridge and creek improvements is now complete at Berryessa Creek, south of the Abel Street Bridge. This work increased the creek's capacity and eliminated tight turns which caused the creek to previously flood. Half of the new bridge is used by existing freight trains and the other half will be used for future BART trains.

Work will begin this summer in Fremont on the Agua Caliente (north of Mission Boulevard), Agua Fria (parallel to Warren Avenue), and Toroges (south of Warren Avenue) Creeks. This work is scheduled in advance of the Mission Warren Area Improvements Project scheduled for 2012. This creek work includes building new creek culverts, concrete boxes to contain and channel water under train tracks, and boring a new channel under the Union Pacific Railroad yard. Advancing this work enables VTA to complete creek work during the drier months, April through October. Impacts to the public may include temporary lanes closures along Warren Avenue.

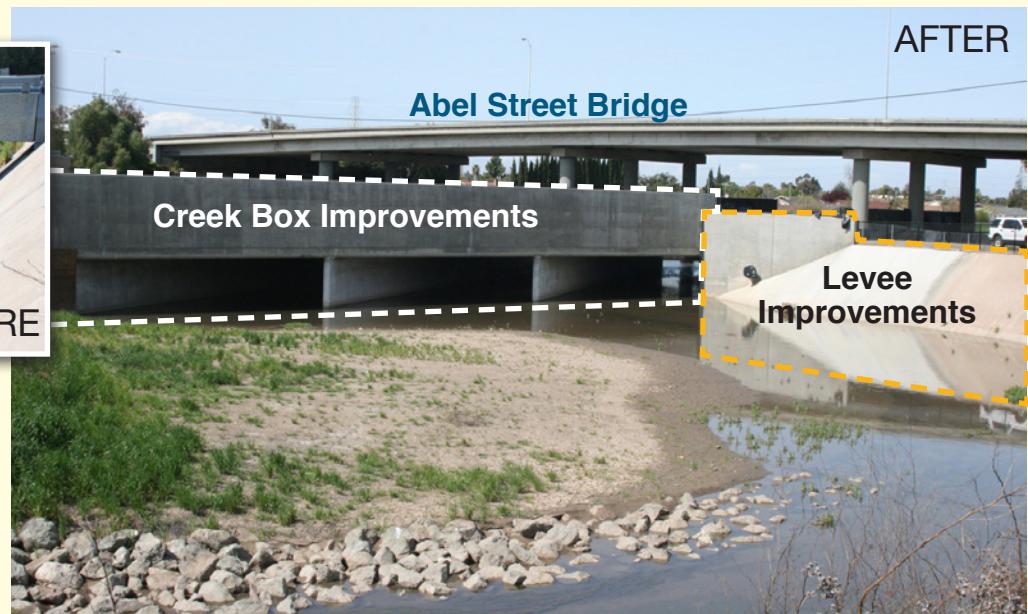


Westerly side of Berryessa Creek Culvert construction in Milpitas.



BEFORE

Berryessa Creek in 2008.



Westerly view of completed Berryessa Creek improvements.

# Berryessa Extension Stations

The Berryessa Extension will bring commuters into Silicon Valley, with convenient connections to VTA bus and light rail that serve major employers including Cisco Systems, Adobe and Ebay.

Easy and convenient access to the BART system and VTA transit will be available to 30,000 residents within a half mile walk. More than 260,000 people will be able to ride their bicycles within 12 minutes and more than one million people will have access by public transit or automobiles in just 15 minutes.

## Berryessa Station

- Located between Berryessa and Mabury Roads
- Ground-level concourse, with aerial boarding center platform
- Private shuttle and drop-off/pick-up loading area
- Shared-use trails for bicyclists and pedestrians
- Dedicated bicycle storage room

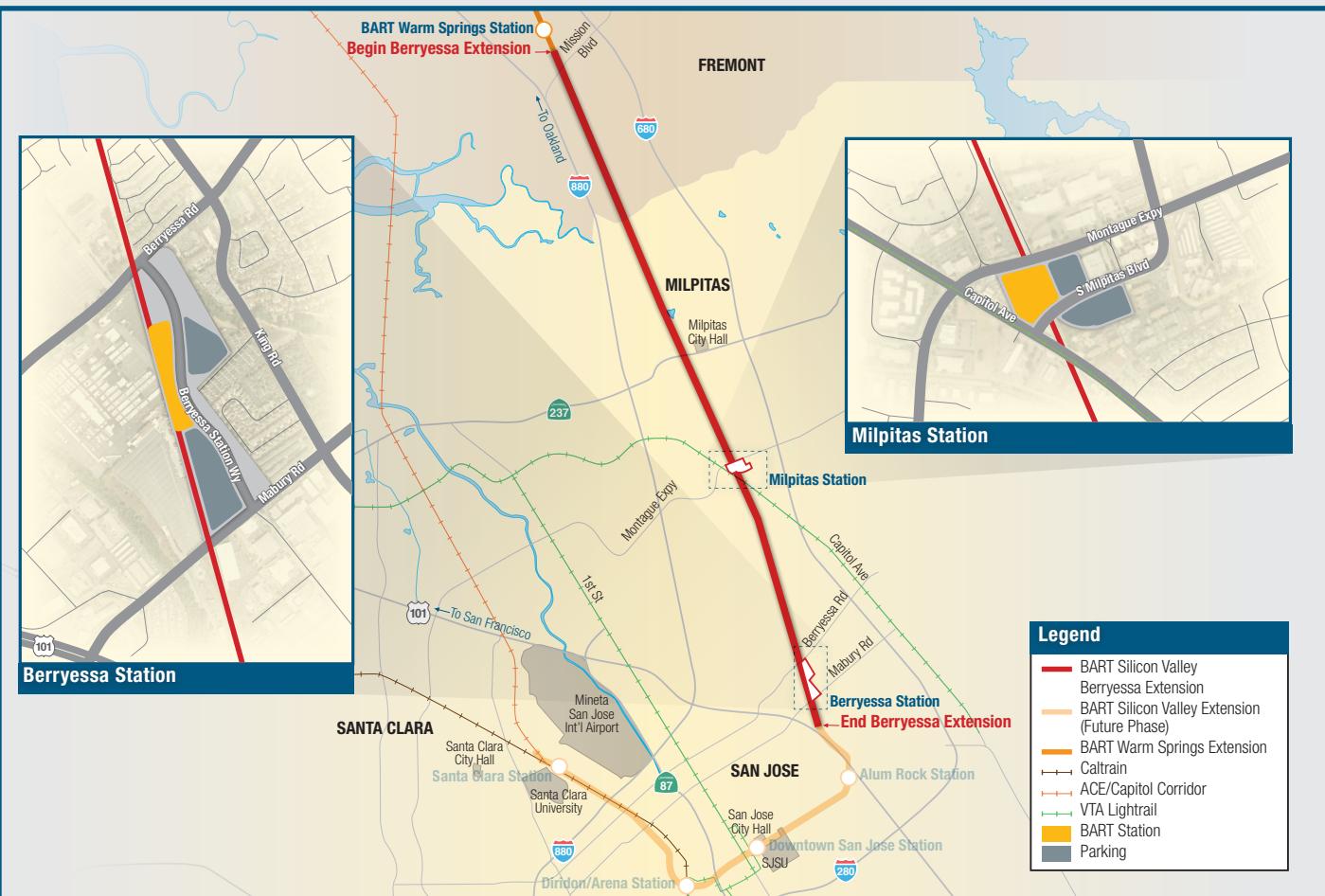


## Milpitas Station

- Located at the intersection of Montague Expressway and Capitol Avenue
- Compact station campus design
- Ground-level concourse with below-ground boarding platforms
- Connects with VTA light rail system via a pedestrian bridge
- Private shuttle and "Kiss & Ride" drop-off/pick-up area
- Dedicated bicycle storage room
- Nearby destinations include the Great Mall of the Bay Area, Heald College and Milpitas/North San Jose high-tech employment centers
- Center of the City of Milpitas' Transit Area Specific Plan

Additional features of stations:

- Parking structures
- Bus transit centers
- Bicycle and pedestrian connections





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## BART Silicon Valley – Community Update – Spring 2011

### What's Inside:

- BART Silicon Valley Progress
- Project Timeline
- Kato Road Safety Enhancement
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- Photos of Berryessa Creek Improvements
- Update on Roadway and Mitigation Work
- Berryessa Extension Overview
- Milpitas and Berryessa Stations Benefits
- Map of BART Silicon Valley Extension
- Outreach Information

### Sierra and Lundy Intersection Construction Update

Thursday, May 26, 2011, 6:30 p.m. - 8:00 p.m.

East Side Union High School District, Lounge

830 N. Capitol Avenue, San Jose, CA 95133

*This location is served by VTA Light Rail and bus line 61.*

### To Learn More

Informative outreach to the surrounding community is an important aspect of the BART Silicon Valley Project. VTA will provide advance notification of construction activities and traffic updates through the mail and continued website updates.

### How to Reach Us?

If you would like to be added to the project mailing list, have any questions, comments, or concerns, or would like to have a project representatives meet with you, please contact **VTA Community Outreach** below.

### Para obtener más información

La difusión informativa en la comunidad circundante es una parte importante del Proyecto BART Silicon Valley. VTA proporcionará por adelantado notificaciones de las actividades de las obras y cambios en el tráfico por correo y actualizando constantemente el sitio Web.

### Cómo comunicarse con nosotros

Si desea inscribirse en la lista de correo del proyecto, tiene alguna pregunta, comentario o preocupación, o desea que se reúna con usted un representante del proyecto, póngase en contacto con el **Programa de Extensión de VTA en la Comunidad usando la información que aparece a continuación**.

*Individuals who require language translation, American Sign Language, or documents in accessible formats are requested to contact VTA Community Outreach at (408) 321-7575 / (408) 321-2330 TTY at least 5 business days before the meeting. All facilities are accessible to persons with disabilities.*

### Để Tìm Hiểu Thêm

Cung cấp thông tin cho cộng đồng là một khía cạnh quan trọng của Dự Án Thung Lũng Silicon của BART. VTA sẽ thông báo trước về các hoạt động công trường và cập nhật tin tức về tình hình giao thông qua đường bưu điện và thông tin cập nhật liên tục trên trang mạng điện toán.

### Liên Lạc với Chúng Tôi?

Nếu quý vị muốn ghi tên vào danh sách nhận tin tức liên quan tới dự án, nếu quý vị có thắc mắc, nhận xét hay quan ngại, hoặc nếu quý vị muốn gặp các đại diện của dự án, xin liên lạc với **Ban Ngoại Tiếp Cộng Đồng của VTA** dưới đây.

### 欲知更多資訊

向周邊社區傳達相關資訊是 BART 硅谷項目的一個重要部份。VTA 將透過郵件及隨時更新網站的方式提供工程預告及最新交通資訊。

### 如何與我們聯絡？

如果您想加入我們的通訊名單，或有任何問題、意見或疑慮，或是想與一位項目代表人員碰面，請透過以下方式與 **VTA 社區外展服務部 (Community Outreach)** 連絡。